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— W. B. & H. D. On the Physical Structure of the Appalachian Chain as Exemplifying the Laws which have Regulated the Elevation of great Mountain Chains.

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(Absts.) British Assoc. Repts., 1824, Pt. II, pp. 40-42; Proc. Assoc. Amer. Geol. and Nat. 1840-42, pp. 70-71; Amer. Jour. Sci., vol. xliii, 1842, pp. 177-178; vol. xliv, 1843, pp. 359-362.

Part I deals with a description of the area, its divisions; their structure, especially inverted dip, length, persistence and parallelism of axes and the increasing interval between them to the northwest.

Part II deals with a theory of the flexure and elevation of the strata, which are due to a combined undulatory and tangential movement.

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General discussion of the tidewater marls, pp. 194-234. First use of marl in Maryland in Talbot County, 1805, by Mr. Singleton. (1st Edit. 1832, 2nd Edit. 1835.)

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